

Supplementary Table S1: Demographic and clinical details of study participants

Characteristics	Control	Uncomplicated Malaria	Severe anaemic Malaria	T-test	P- Value
No. of participants	58	186	80		
Sex (M:F)	29:29	100:86	50:30		
Age (years)	30(10-50)	35(5-65)	36(5-68)		
Mean of parasites density/ μ l blood	0	3100	9100	12.356	p<0.0001
Upper 95% CI of mean of parasites density/ μ l blood	0	41002	122185		
Mean of Hemoglobin conc. (g/dl)	14.02	13.5	5.44		

Supplementary Table S2: Cytokines Mean \pm SEM

Cytokines & Immunoglobulins	Malaria clinical manifestations	Mean \pm SEM
IL-4	Control	95 \pm 105
	Mild infection	13234 \pm 63.95
	Severe infection	1045 \pm 60.62
IL-6	Control	310 \pm 162
	Mild infection	772 \pm 41.79
	Severe infection	4139 \pm 291.8
IL-7	Control	52 \pm 20
	Mild infection	1705 \pm 45.81
	Severe infection	643 \pm 30.58
IL-9	Control	1676 \pm 560
	Mild infection	6365 \pm 134.7

	Severe infection	1876 ± 57.14
IL-10	Control	462 ± 218
	Mild infection	3037 ± 130.2
	Severe infection	1239 ± 67.83
IL-13	Control	720 ± 360
	Mild infection	1892 ± 40.62
	Severe infection	6149 ± 143.8
IL-17	Control	67 ± 38
	Mild infection	2070 ± 62.76
	Severe infection	839 ± 50.79
IL-27	Control	922 ± 1007
	Mild infection	3869 ± 2698
	Severe infection	1776 ± 1698
TGF-β1	Control	174 ± 197
	Mild infection	1577 ± 64.23
	Severe infection	<20
TGF-β3	Control	<20
	Mild infection	4209 ± 173.5
	Severe infection	391± 41.21
IFNγ	Control	209 ± 90
	Mild infection	476 ± 23.17
	Severe infection	2713 ± 89.38
TNF	Control	208 ± 128
	Mild infection	377 ± 17
	Severe infection	3433 ± 107